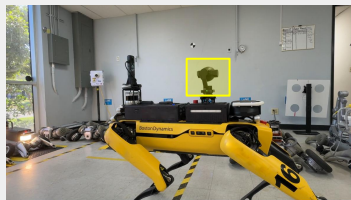


## Robot command



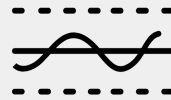
## Runtime Classification

### Decision Function

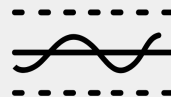
Classifies as success,  
known failure, or  
anomaly

### Conformal Prediction Thresholding

Failure Threshold



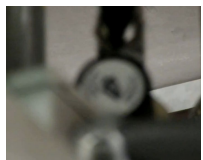
Success Threshold



Failure model

Success model

$O(s_t)$



$O(s_{t+1})$